

Identified hadron asymmetries

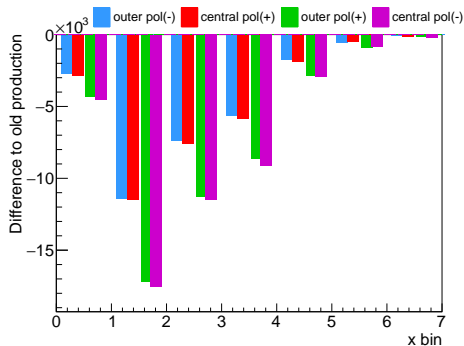
Malte Wilfert

Institut für Kernphysik - Johannes Gutenberg-Universität Mainz

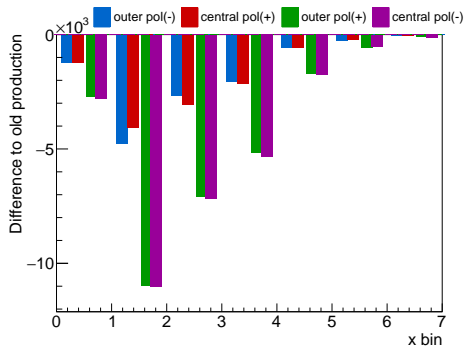
3rd May 2017

W27 Statistics (inclusive Trigger)

T1

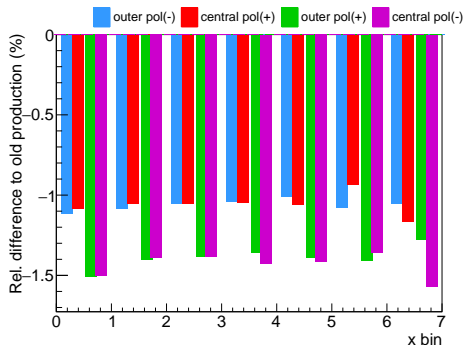


T2

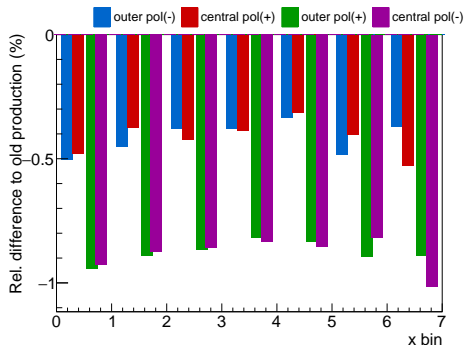


W27 Statistics (inclusive Trigger)

T1



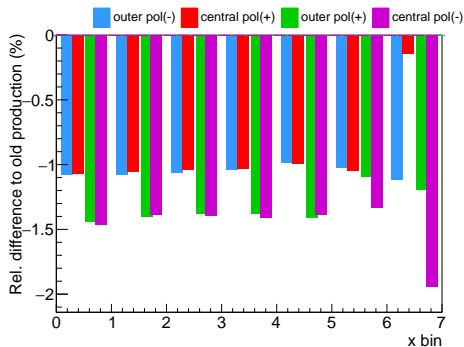
T2



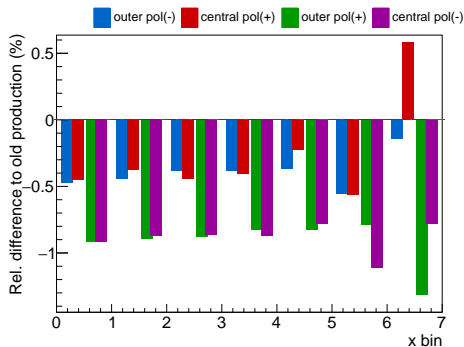
W27 Statistics (inclusive Trigger) II

- inclusive middle trigger
- Ladder trigger
- Outer trigger

T1



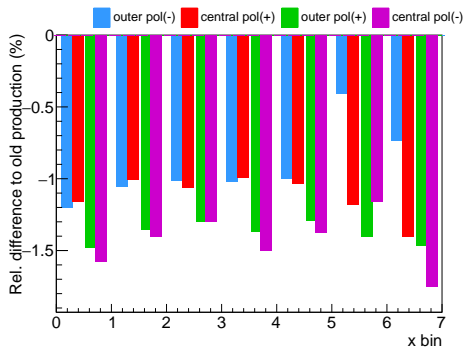
T2



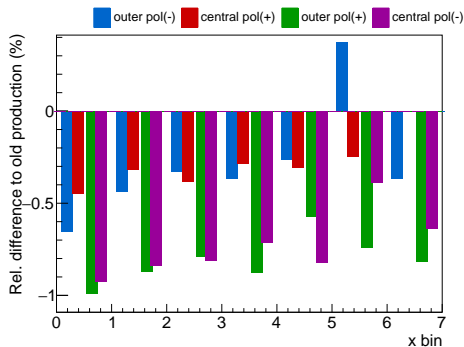
W27 Statistics (inclusive Trigger) II

- inclusive middle trigger
- Ladder trigger
- Outer trigger

T1



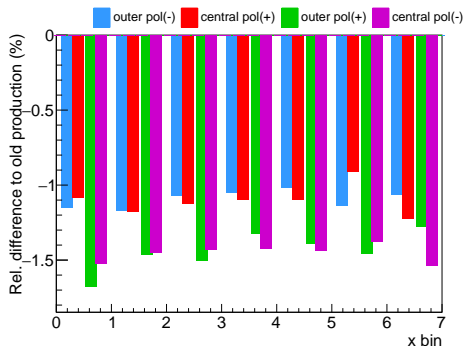
T2



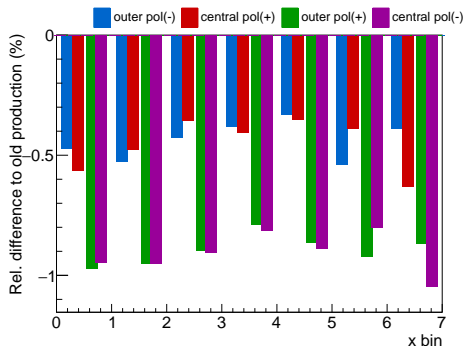
W27 Statistics (inclusive Trigger) II

- inclusive middle trigger
- Ladder trigger
- Outer trigger

T1

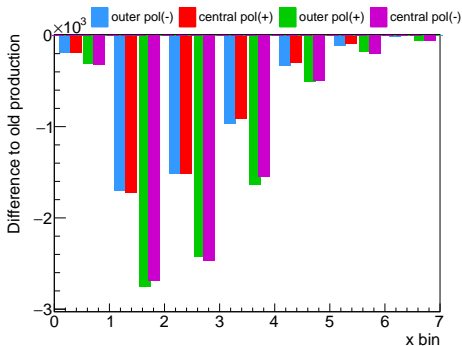


T2

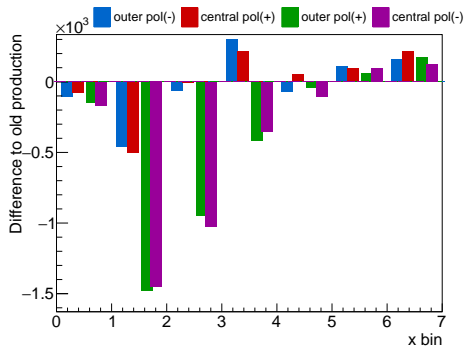


W27 Statistics (semi-inclusive Trigger)

T1

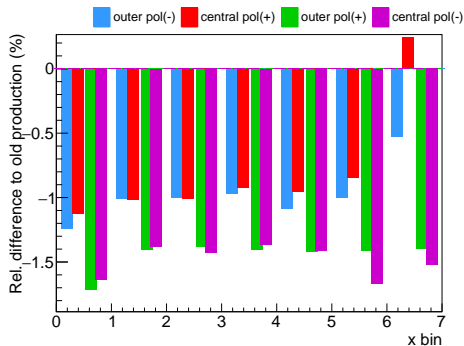


T2

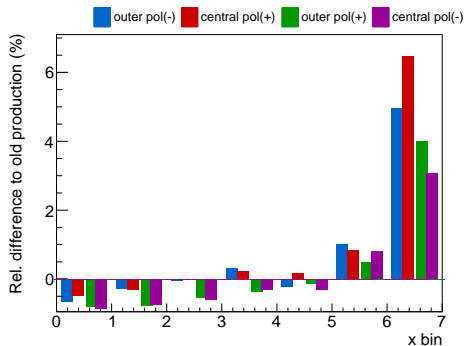


W27 Statistics (semi-inclusive Trigger)

T1



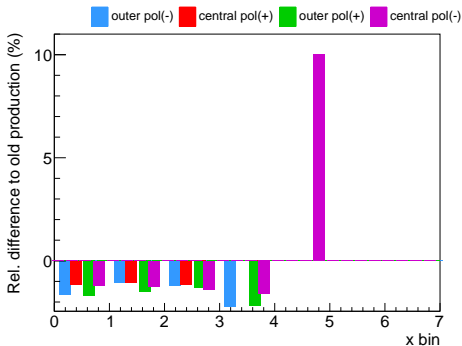
T2



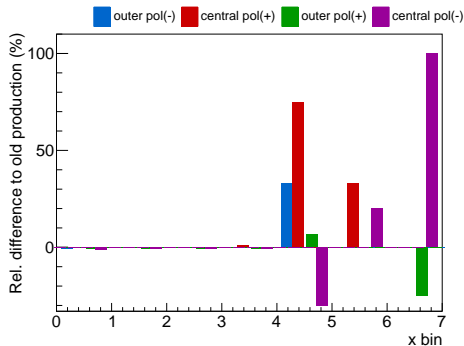
W27 Statistics (semi-inclusive Trigger) II

- Inner trigger
- LAS trigger
- Calo trigger

T1



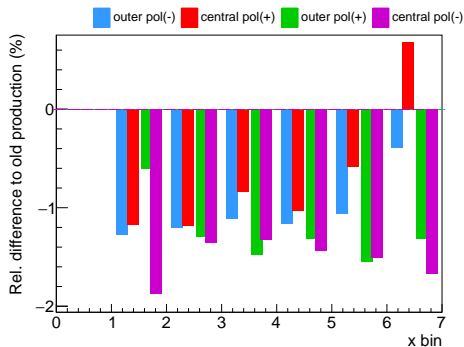
T2



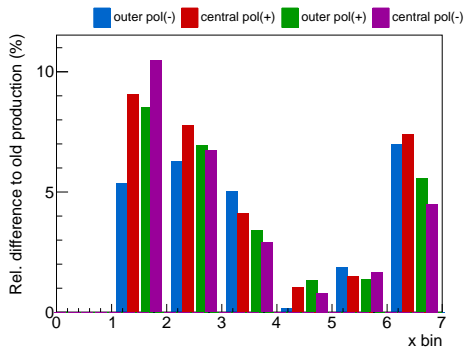
W27 Statistics (semi-inclusive Trigger) II

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- Calo trigger

T1



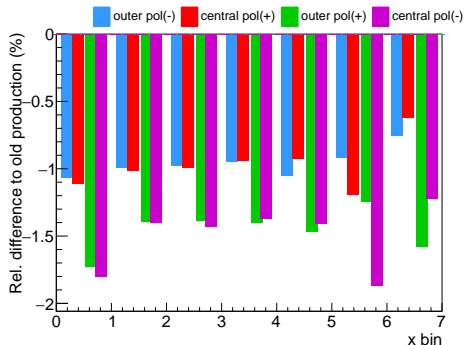
T2



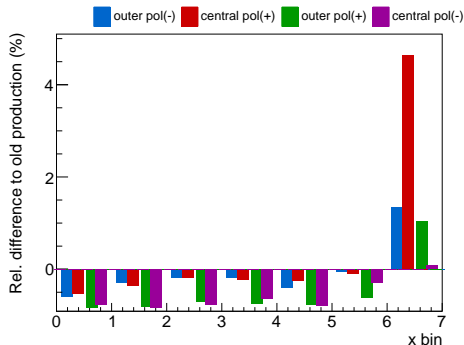
W27 Statistics (semi-inclusive Trigger) II

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- LAS trigger
- Calo trigger

T1

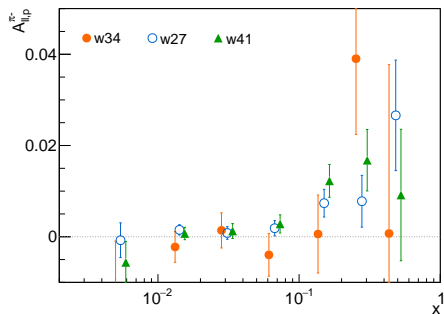
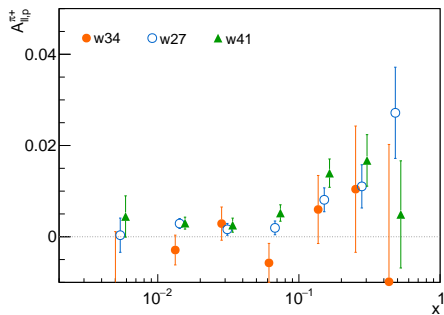


T2



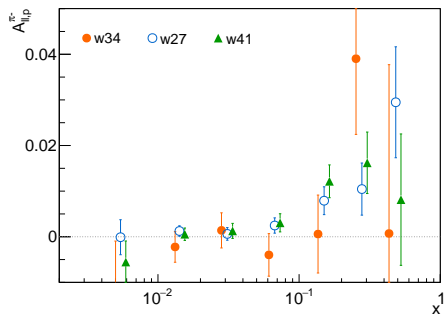
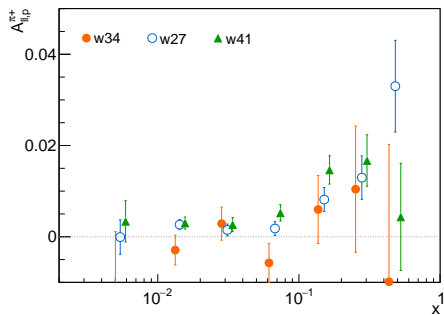
Raw asymmetries tests

- Old
- T1
- T2



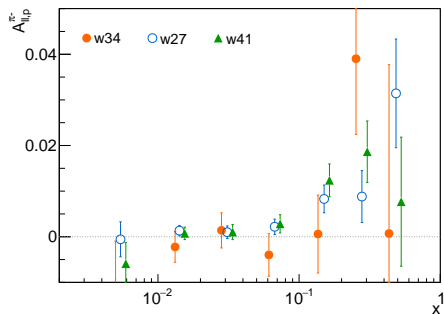
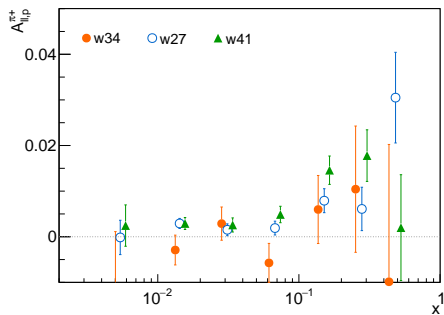
Raw asymmetries tests

- Old
- T1
- T2



Raw asymmetries tests

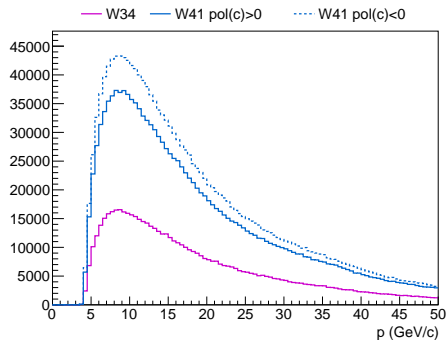
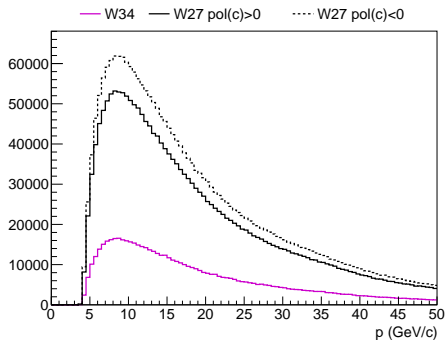
- Old
- T1
- T2



Kinematics

- Momentum

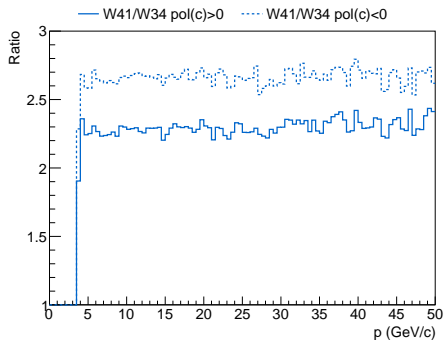
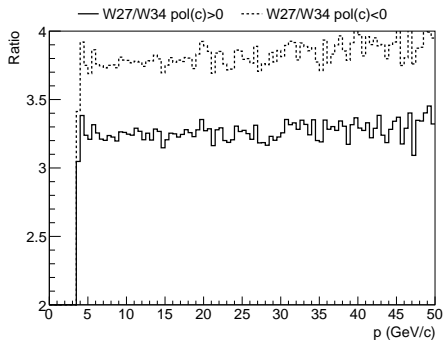
- z
- Phi
- Theta
- Chi2/NDF



Kinematics

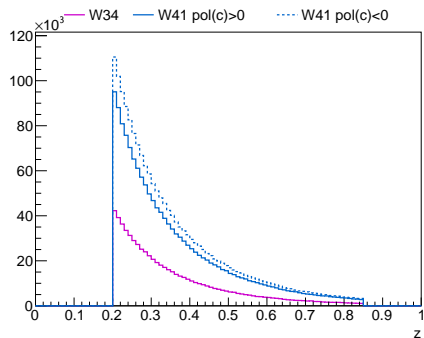
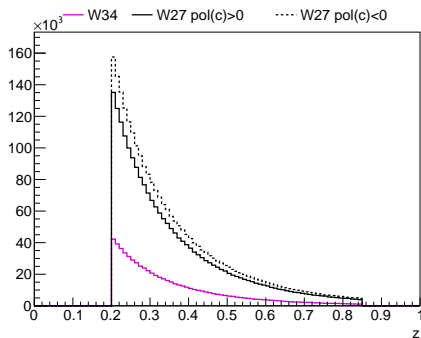
- Momentum

- z
- Phi
- Theta
- Chi2/NDF



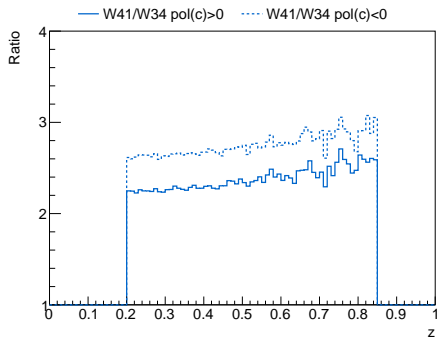
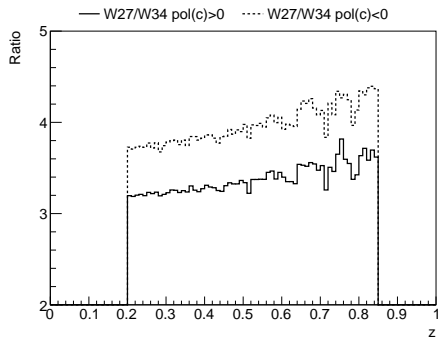
Kinematics

- Momentum
- **Z**
- Phi
- Theta
- Chi2/NDF



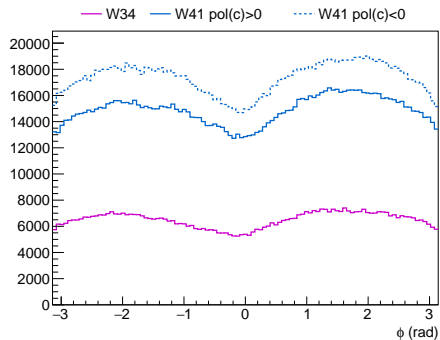
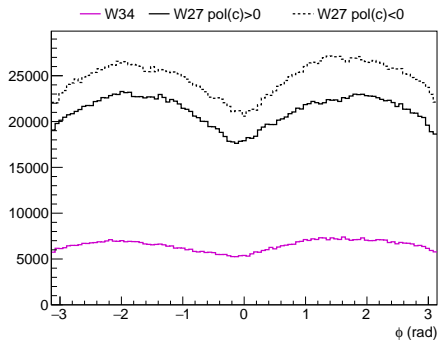
Kinematics

- Momentum
- **Z**
- Phi
- Theta
- Chi2/NDF



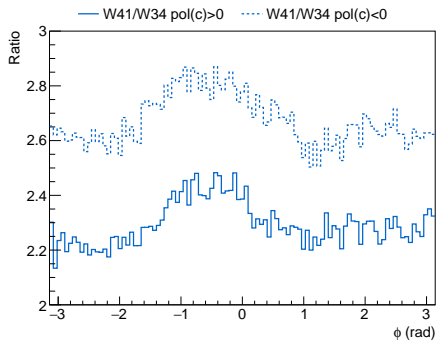
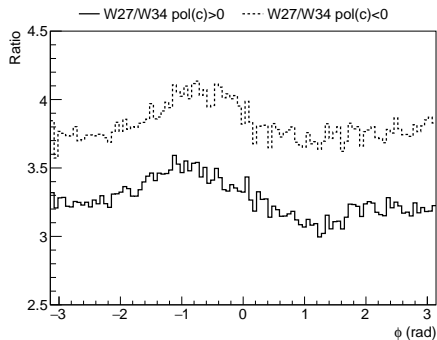
Kinematics

- Momentum
- z
- **Phi**
- Theta
- Chi2/NDF



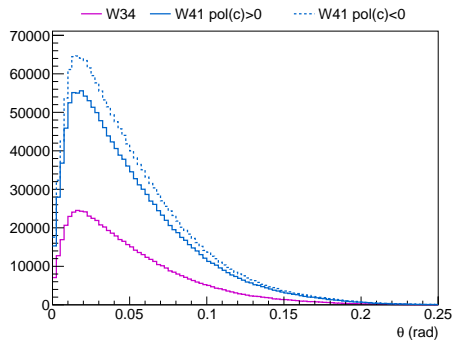
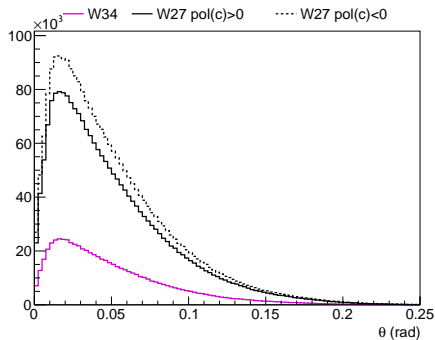
Kinematics

- Momentum
- z
- **Phi**
- Theta
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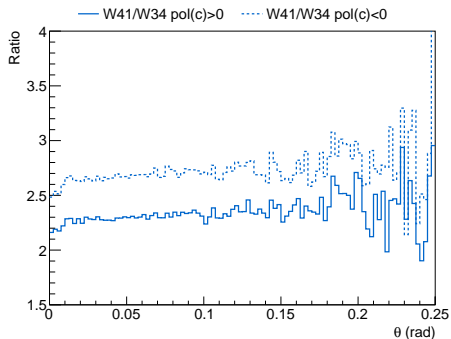
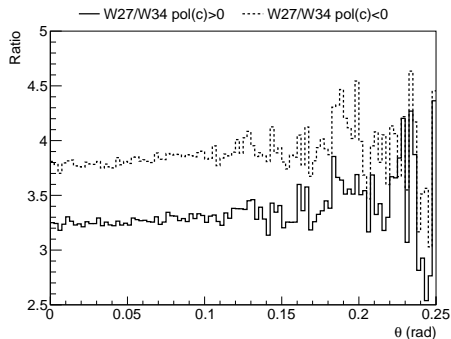
Kinematics

- Momentum
- z
- Phi
- **Theta**
- Chi2/NDF



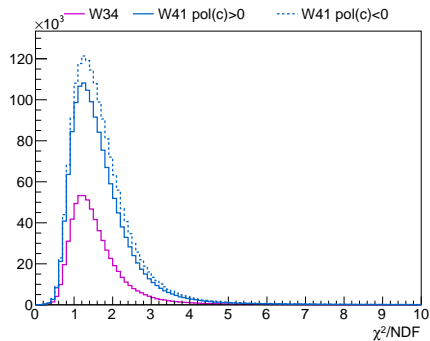
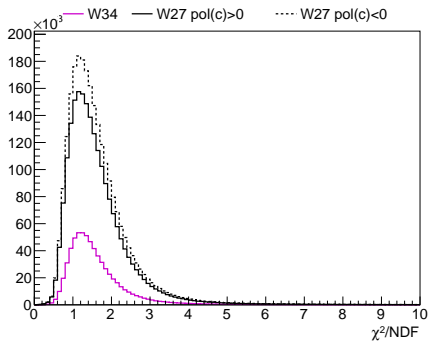
Kinematics

- Momentum
- z
- Phi
- **Theta**
- Chi2/NDF



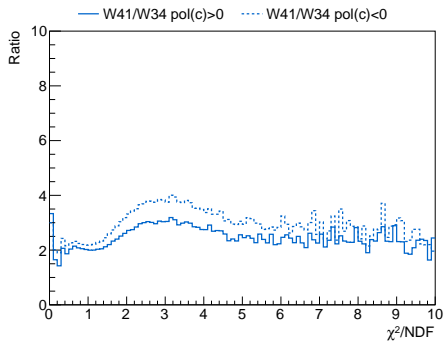
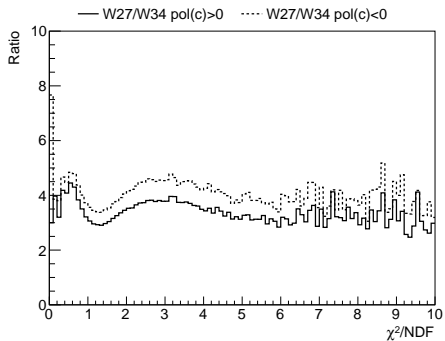
Kinematics

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- z
- Phi
- Theta
- Chi2/NDF



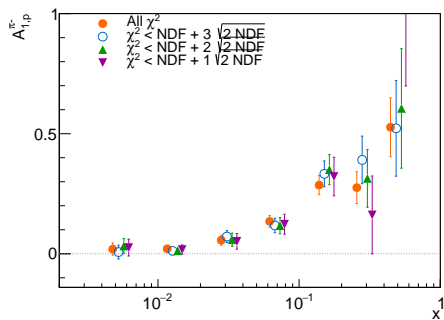
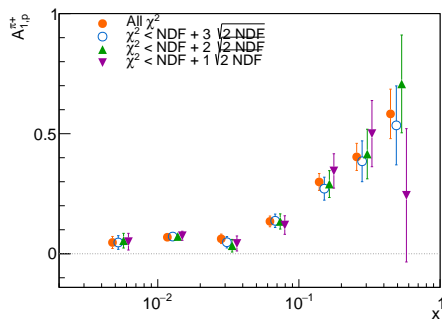
Kinematics

- Momentum
- z
- Phi
- Theta
- Chi2/NDF



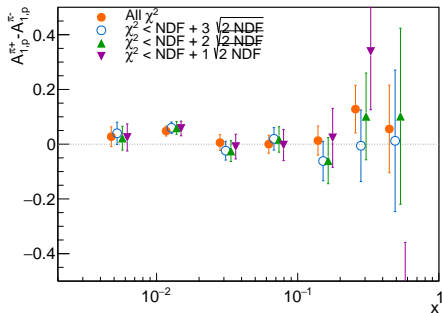
Additional tests

- Cut on χ^2 of tracks
- Cut on Meantime of tracks
- Upstream/Downstream target parts



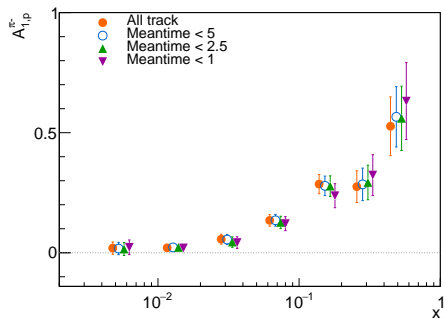
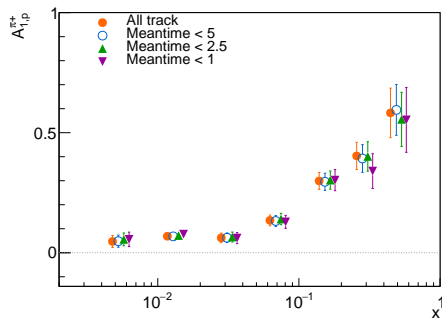
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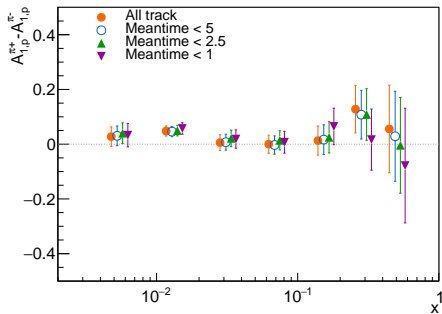
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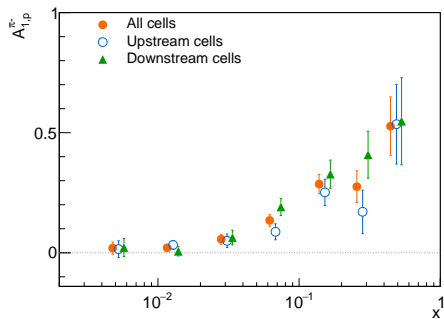
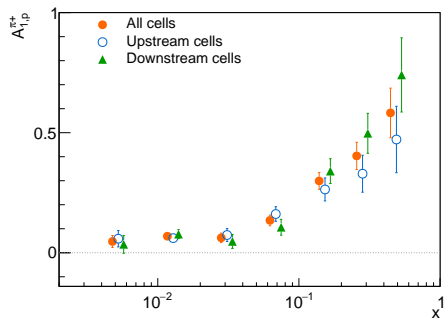
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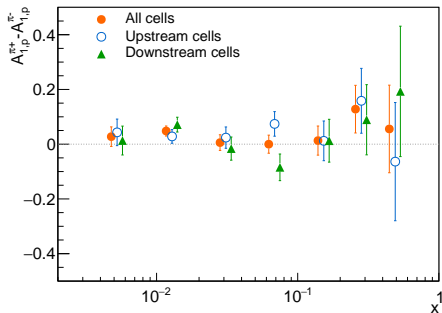
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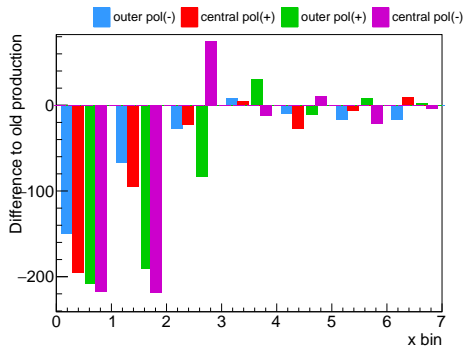
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- Cut on χ^2 of tracks
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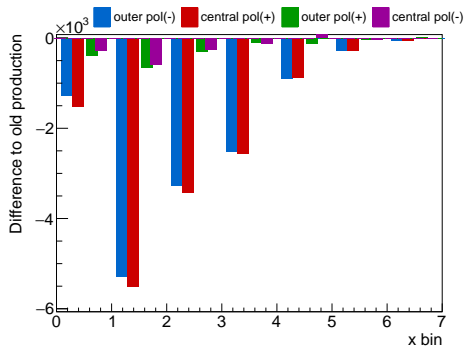


W41 Statistics (inclusive Trigger)

T1

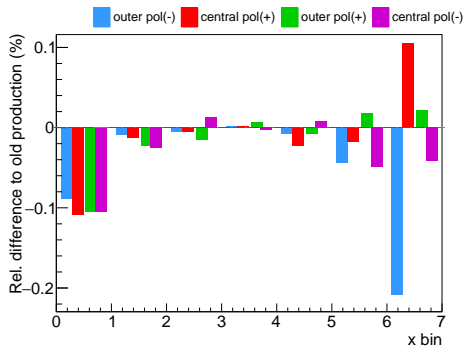


T2

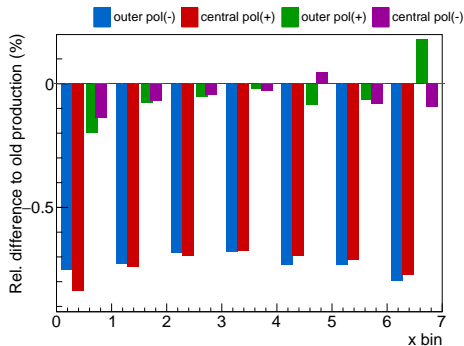


W41 Statistics (inclusive Trigger)

T1



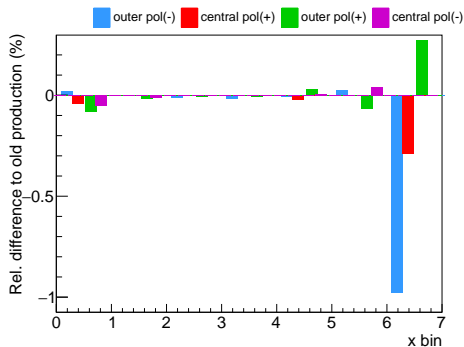
T2



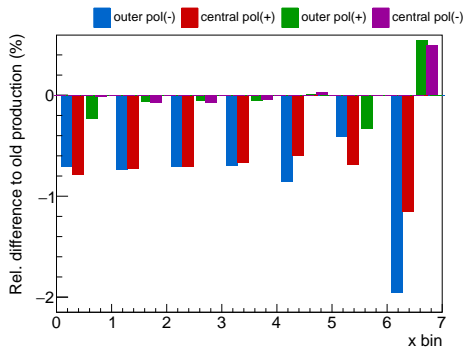
W41 Statistics (inclusive Trigger) II

- inclusive middle trigger
- Ladder trigger
- Outer trigger

T1



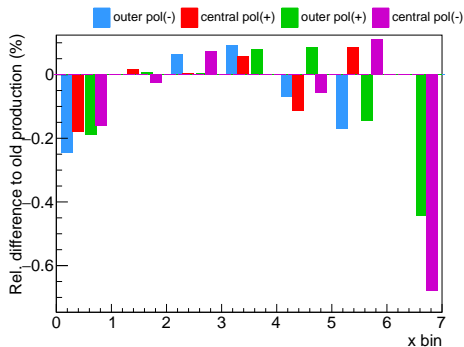
T2



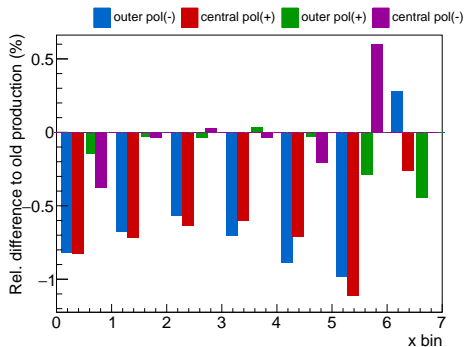
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T1



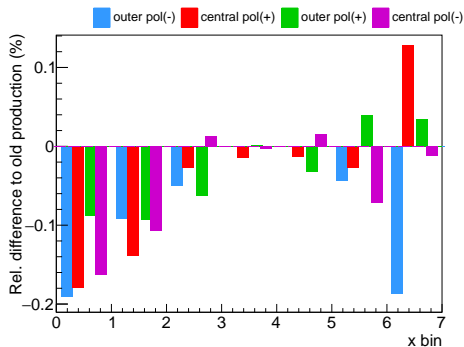
T2



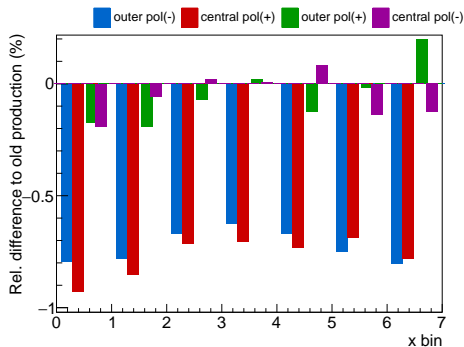
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- Ladder trigger
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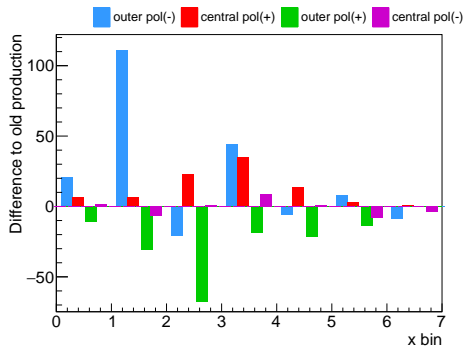


T2

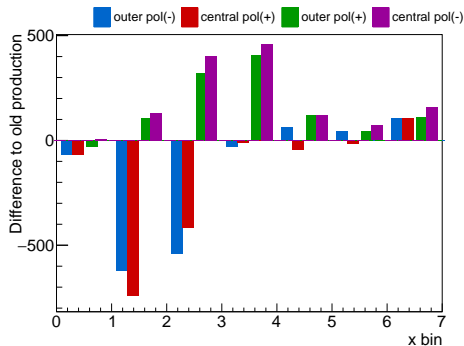


W41 Statistics (semi-inclusive Trigger)

T1

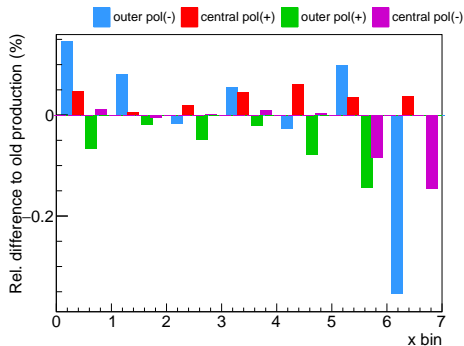


T2

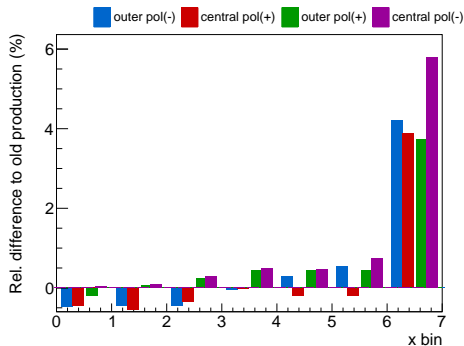


W41 Statistics (semi-inclusive Trigger)

T1



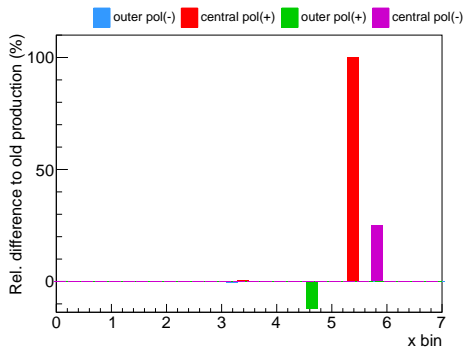
T2



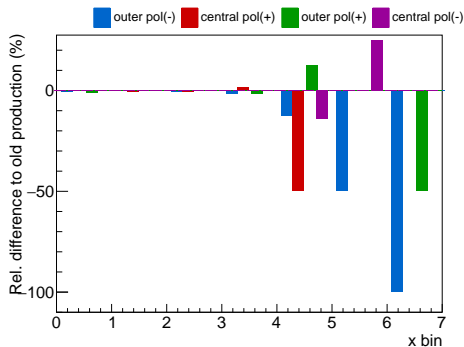
W41 Statistics (semi-inclusive Trigger) II

- Inner trigger
- LAS trigger
- Calo trigger

T1



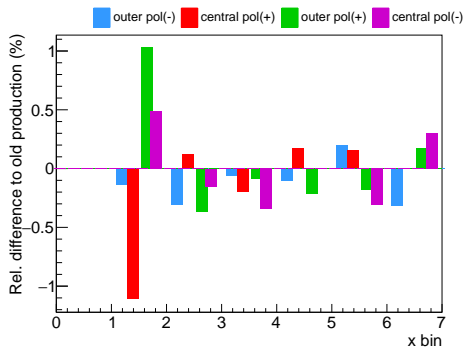
T2



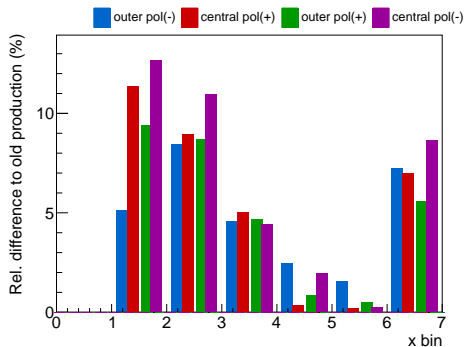
W41 Statistics (semi-inclusive Trigger) II

- Inner trigger
- LAS trigger
- Calo trigger

T1



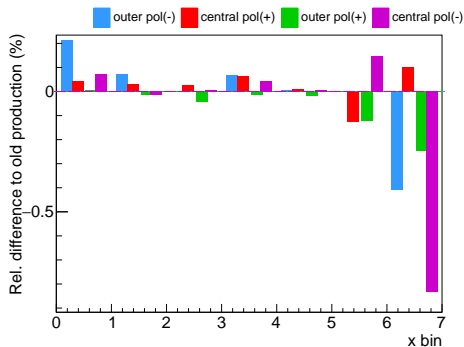
T2



W41 Statistics (semi-inclusive Trigger) II

- Inner trigger
- LAS trigger
- Calo trigger

T1



T2

